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ABSTRACT

This publication is the report of findings of the educational plant survey for Florida Agricultural and Mechanical University conducted in April, 1991. Following a description of the survey team and a preface, Section I describes the statutory foundations, procedural policies, and cooperative processes for the educational plant survey. Section II offers an historical overview of the institution and a statement of purpose. Section III gives an analysis of the student population in planned enrollment and capital outlay by lower and upper level undergraduate, by discipline, and by full-time equivalent student enrollment, and also provides an analysis of planned enrollment change from 1990-91 to 1995-96. Section IV looks at academic programs, the colleges and schools, and the degree offerings. Section V presents an inventory of existing sites and buildings through description and maps, and through specifying types and amounts of space, and square footage. Section VI describes a proposed plan for housing programs, student personnel, and services for the coming 5-year period which includes recommendations for changes and additions to existing plants to provide for future needs. Section VII analyzes capital outlay finances including revenue sources. The final section offers recommendations for the main campus and standard university-wide recommendations. (JB)

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EDUCATIONAL PLANT SURVEY

FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY

APRIL 1 - 5, 1991

Department of Education
Tallahassee, Florida 32399
Betty Castor, Commissioner

Affirmative action/equal opportunity employer

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PREFACE

An educational plant survey is a systematic study and evaluation of existing educational plants and the determination of future educational plant needs with respect to provision of appropriate facilities for accommodating educational programs and services for students. At least every five years, the Board of Regents of the State University System arranges for an educational plant survey for each university within the State University System pursuant to the requirement of Section 235.15, Florida Statutes (F.S.). The purpose of the survey is to aid the formulation of plans for housing the educational program, student population, faculty, administrators, staff, and auxiliary and ancillary services of the university for the following five-year period.

This publication, prepared for the Board of Regents and for Florida Agricultural and Mechanical University, is the report of findings of the educational plant survey for Florida Agricultural and Mechanical University conducted April 1-5, 1991. The report contains recommendations for the educational plants of the university for the period from April 1, 1991 through June 30, 1996. The recommendations herein supersede all previous survey recommendations not implemented as of April 1, 1991, by either execution of a construction contract or issuance of a purchase order.

The findings and recommendations contained in the survey report enable the university, the university president, the Chancellor of the State University System, and the Board of Regents to accomplish certain responsibilities with which they are vested. They provide the university with bases for the preparation of building programs submitted for review to the Board of Regents and the Office of the Governor under Rule 6C-14.020(1), Florida Administrative Code (FAC). They enable the university president to be judicious in submitting to the Chancellor plans for construction, renovation, and campus development under Rule 6C-4.01(3), FAC, and in recommending to the Chancellor a master plan for physical plants and grounds under Rule 6C-4.01(5)(c), FAC.

They assist the Chancellor in approving building programs, major renovations of campus facilities, and facilities budgets under Rule 6C-1.10(2)(i)2, FAC, and in recommending to the Board of Regents the allocation of construction funds within the State University System under Rule 6C-1.10(2)(i)1, FAC. They support the Board of Regents in adopting a proposed long-range plan for educational plants and auxiliary and ancillary facilities under Section 235.16, F.S., in adopting a capital outlay budget as part of the annual budget under Section 235.18, F.S., in preparing fixed

capital outlay legislative budget requests under Section 240.209(3)(d), F.S., and in submitting to the Commissioner of Education a three-year plan and data required for development of the annual legislative capital outlay budget request under Section 235.41(2), F.S.

Additionally, the survey report serves to satisfy the mandate of Section 240.295(1), F.S., that no construction of new facilities or remodeling of existing ones, with certain limited exceptions, shall occur without being recommended in an educational plant survey. Finally, pursuant to Section 235.435(4)(a), F.S., all remodeling, renovation, and new construction projects included in the three-year priority list for legislative funding, prepared by the Board of Regents for the capital outlay budget request, must have been recommended by a survey.

The survey team gratefully acknowledges the contributions of time, effort, and expertise made by everyone who participated in the survey process: members of the faculty, staff, and administration of Florida Agricultural and Mechanical University, staff of the Board of Regents, and staff of the Department of Education.

Section I

INTRODUCTION TO THE EDUCATIONAL PLANT SURVEY

The educational plant survey is the initial planning phase for providing public educational plants in the State of Florida. Careful planning contributes to appropriate housing of educational programs and services for students and to wise expenditure of public funds. The university educational plant survey is established in the Statutes of Florida and the Florida Administrative Code.

Statutory Foundations

The statutory foundations for educational plant surveys are described below.

Legal Basis

The legal basis for the educational plant survey is established in Section 235.15, Florida Statutes:

> Educational plant survey required.--At least every 5 years, each board, including the Board of Regents, shall arrange for an educational plant survey, to aid in formulating plans for housing the educational program and student population, faculty, administrators, staff, and auxiliary and ancillary services of the district or campus. Each survey shall be conducted by the Department of Education or an agency approved by the commissioner. Surveys conducted by agencies other than the Department of Education shall be reviewed and approved by the commissioner. The survey report shall include at least an inventory of existing educational and ancillary plants; recommendations for existing educational and ancillary plants; recommendations for new educational or ancillary plants, including the general location of each; and such other information as may be required by the rules of the State Board of Education. An official copy of each survey report shall be filed by the board with the office. This report may be amended, if conditions warrant, at the request of the board or commissioner.

Definition

"Educational plant survey" means a systematic study of present educational and ancillary plants and the determination of future needs to provide an appropriate educational program and services for each student.

Purpose

The purpose of a university educational plant survey is to aid the university and the Board of Regents in formulating plans for housing the educational program and student population, faculty, administrators, staff, and auxiliary and ancillary services of the university for the following five-year period.

Requirement

At least every five years, the Board of Regents shall arrange for an educational plant survey for each university within the State University System.

Alternative Methods

An educational plant survey shall be conducted either by the Department of Education or by an agency approved by the Commissioner of Education. Surveys conducted by agencies other than the Department of Education shall be reviewed and approved by the Commissioner.

Status of Prior Surveys

A new educational plant survey shall supersede, as of the date it is conducted, all previous survey recommendations which have not been implemented either by execution of a construction contract or issuance of a purchase order.

Amendment of Current Survey

The current survey may be amended during the projection period if conditions appear to justify a change in the projected building construction program by request for a supplementary survey made by the Board of Regents or the Commissioner of Education.

Written Report

A written report containing the findings of the educational plant survey and recommendations for housing the educational programs and projected student population of the university shall be made to the university administration and the Board of Regents. An official copy of each survey report shall be filed by the Board with the Office of Educational Facilities.

Procedural Policies

Procedural policies incorporated in the educational plant survey process for universities are explained below.

Student Enrollment Projections

The survey uses five-year capital outlay full-time-equivalent student enrollment (COFTE) projections prepared by the Board of Regents. Projections are provided for all credit activity at each site for which facilities are required.

Educational Programs

The survey formulates a plan for housing the programs and services provided by the university. The plan is based on projections for programs approved by the Board of Regents through the academic program review process for the State University System.

Facility Needs

Survey evaluation and planning are conducted with reference to facility needs as determined by the fixed capital outlay ten-space-category needs generation formula. Driven by the COFTE projection, the formula involves performance levels for space use by the university based on legislatively mandated as well as generally accepted utilization standards. Additional facility needs are identified through the exception procedure. This method is used where the university has special problems or extraordinary needs not supported by the formula.

Physical Facilities Inventory

The survey uses the information about existing educational plants carried in the computerized physical facilities space file for the university which contains data for sites, buildings, and rooms. The inventory is validated through cooperative efforts of staff of the university, the Board of Regents, and the Office of Educational Facilities. One part of the validation process is the review of all spaces declared to be exempt or ineligible. These are spaces not generated by the ten-space-category needs formula and thus not included in the ten aggregate inventory square footages for the survey.

Space Utilization

Space evaluation and planning are conducted with regard to standard utilization criteria for instructional spaces. Criteria for classrooms are: 65 hours of room use per week, Monday through Saturday; 90 percent rate of room occupancy; 60 percent rate of station occupancy; and a specific number of average weekly student hours per COFTE for each discipline.

Standards for teaching laboratories are: 24 hours of room use per week for lower level courses and 20 hours of room use per week for upper level and graduate level courses; 80 percent rate of station occupancy; and a specific number of average weekly student hours per COFTE for each discipline.

Recommendations

The survey makes recommendations for site acquisition, development, and improvement, remodeling, renovation, and new construction for sites and facilities for which titles are vested in the Board of Regents in trust by the Department of Natural Resources, Internal Improvement Trust Fund. Standard recommendations are included for provision of custodial services facilities, provision of sanitation facilities, correction of safety deficiencies, modification for compliance with handicap standards, and replacement of defective roofs.

Recommendations for leased sites and facilities are made in accordance with the provisions of Sections 235.055 and 235.056, F.S. Recommendations pertaining to additional branch campuses, centers, and special purpose centers are considered only after a proposal for establishment submitted by the university has been recommended by the Board of Regents as well as the Postsecondary Education Planning Commission, approved by the State Board of Education, and authorized by the Florida Legislature.

State Funds

Survey recommendations establish need for capital outlay projects; they do not imply automatic availability of funds to pay for projects. Information about state funds for public education capital outlay projects and about eligibility for expenditure is found in Section 9(a)(2) of Article XII of the State Constitution, as amended, Chapters 235 and 240 of the Florida Statutes, and Rules 6A-2, 6C-1, 6C-7, 6C-9, and 6C-14 of the Florida Administrative Code.

Cooperative Process

A university educational plant survey conducted for the Board of Regents of the State University System, by the Department of Education, is accomplished through cooperative efforts of the university administration, staff of the Board of Regents, and staff of the Office of Educational Facilities. The steps in the cooperative survey process are listed below.

1. The Board of Regents, acting for and on behalf of the university, requests, by resolution, that the Department of Education conduct a survey to determine the status and needs of the educational plants of the university.

2. The director of the Educational Facilities Planning and Evaluation Section (Planning and Evaluation), Office of Educational Facilities, schedules the segments of the survey, appoints the survey director, and designates survey staff from the Department of Education.

3. The university president appoints the survey coordinator for the university.

4. The Chancellor appoints the survey advisor for the Board of Regents.

5. The survey director and other Planning and Evaluation staff are available for consultation and service to both the university and the Board of Regents throughout the survey process.

6. The survey director receives the five-year capital outlay full-time-equivalent student enrollment projections prepared by the Board of Regents from the survey advisor and gives them to the survey coordinator.

7. The university receives approval for program proposals from the Board of Regents through the academic program review process of the State University System.

   University staff prepare a list of programs, indicating which existing ones the university wishes to continue, expand, and delete, during the five-year period of the survey as well as those for which planning authorization or program approval has been granted.

8. The survey director receives information about facility needs as determined by the fixed capital outlay ten-space-category needs generation formula prepared by the Board of Regents from the survey advisor and gives it to the survey coordinator.

9. University staff furnish site plans and building schematics for all sites and buildings of the university, for which title is vested in the Board of Regents in trust by the Department of Natural Resources, Internal Improvement Trust Fund, and for those leased for more than one year to the university. Together, staff of the university, the Board of Regents, and the Planning and Evaluation Section, validate and correct data for sites, buildings, and rooms carried in the computerized physical facilities space files as well as the site plans and building schematics.

10. University administrators and staff prepare lists for each site of needs identified by the university for site acquisition, development, and improvement, remodeling, renovation, and new construction. Outdoor physical education facilities are included under site improvement. Items may be included for projects recommended by the prior survey which have not been started or funded through construction but still are needed.

Items for remodeling and renovation contain specific information: building number and name; room numbers; current functions of spaces, use codes, and square footages; as well as needed functions of spaces, use codes, and square footages. Items for new construction specify needed functions of spaces, use codes, and net and gross square footages.

Cost estimates are provided for items for site acquisition, development, and improvement; they may be furnished for other items as well. Cost estimates for survey recommendations involving building square footage are based on cost figures for the university used in the legislative capital outlay budget request for the fiscal year in which the survey is conducted. The survey director can provide these cost figures to the survey coordinator.

11. University staff prepare a survey workbook for use by survey staff during the needs assessment segment of the educational plant survey. The workbook contains documentation related to items 6, 7, 8, 9, and 10, above. It also contains general background information about the university. It is supplemented by a current university catalogue as well as available information regarding long-term plans for the institution, such as the master plan or other long-range planning documents.

    A copy of the workbook is provided for each survey staff member. One copy, along with the catalogue and long-term plans, is given to the survey director at least ten days before the opening date of the needs assessment segment of the survey. The other copies may be distributed to survey staff at the beginning of the needs assessment.

12. The survey advisor furnishes the survey director with particular financial information pertaining to capital outlay allocations by fund source and capital outlay allocations by project type.

13. The survey director and staff conduct the needs assessment segment of the educational plant survey on site at the university. They visit and evaluate all existing sites and facilities. They study and analyze all available information relevant to educational and ancillary plant needs. They consider formula needs, examine justifications of exceptional needs, and discuss the needs with university administrators and staff. Finally, they develop recommendations to provide for the needs.

14. The survey director, aided by survey staff, prepares the written report of findings and recommendations for the university and the Board of Regents. An official copy is filed with the Office of Educational Facilities.

Section II

OVERVIEW OF THE UNIVERSITY

The goal of the educational plant survey is to assist the university by developing a plan for housing the programs and services provided by the university. Educational plant needs are the focus of the survey. It also helps to have a general understanding of the university. The following information was provided by the university.

Historical Perspective

On October 3, 1887, the State Normal College for Colored Students began classes in Tallahassee with 15 students and two instructors. Established that year by an act of the Florida Legislature, the school was destined to become what today is Florida Agricultural and Mechanical University, one of the nine institutions in the State University System (SUS) of Florida. The school was situated on Copeland Street atop the central hill of the seven hills of Tallahassee, the site now occupied by Florida State University.

Chosen to lead the State Normal College through its infancy were two distinguished black men. Thomas DeSaille Tucker, an outstanding attorney from Pensacola, became the first president. Thomas Van Rennssaler Gibbs, a State Representative from Duval County, was named his top assistant instructor.

In 1891, the school received $7,500 as a share of federal funds allocated the previous year to states for agricultural and mechanical education and President Tucker initiated a plan for growth. During the same year, the name was changed to State Normal and Industrial College for Colored Students and the college moved to a new location, the present site of Florida A and M University.

In 1905, the school officially was designated an institution of higher education after its management was transferred from the Board of Education to the Board of Control. Once again, in 1909, it was renamed as the Florida Agricultural and Mechanical College for Negroes. The following year, with an enrollment of 317, it awarded its first degrees.

During the years between 1924 and 1944, Florida A and M assumed much of the physical and academic image it has today. Brick buildings were constructed. More land was purchased. Highly trained faculty were hired. The quality of course offerings was upgraded. Accreditation was received from several agencies. By 1944, the college had 396 acres of land, 48 buildings, 812 students, and 122 staff members.

In 1951, the name was was changed to Florida Agricultural and Mechanical College. Then in 1953, by legislative mandate, the college finally was renamed as Florida Agricultural and Mechanical University (FAMU).

During the years between 1950 and 1968, the school experienced its most rapid growth. Twenty-three more buildings were erected. The A and M Hospital, now Foote-Hilyer Administration Center, was completed. The staff increased to more than 500. The university was among the first group of Negro institutions admitted to membership in the Southern Association of Colleges and Secondary Schools. It earned full accreditation from the National Council of Accreditation of Teacher Evaluation. Enrollment grew to 3500 and academic offerings multuplied.

The 1970s brought still further growth and development to FAMU. In 1970, the Florida Legislature resolved full atonomy for FAMU, granting it recognition as a full partner in the nine-university public higher education system of Florida.

The 1980s was a decade of continuing expansion. Now, FAMU is a comprehensive, all-purpose, residential institution. It has 6000 students, 400 faculty, and 600 staff. Academically, the university offers 72 majors within 12 schools and colleges.

Statement of Purpose

As one of nine universities in the SUS, FAMU receives the definition of its role from the Board of Regents (BOR), the governing body of the SUS. In a recent statement, the BOR designated the university as a general purpose institution with curricular offerings in most of the arts and sciences, business, and education, at the baccalaureate level, as well as some programs at the graduate level. The university also is authorized to offer some technological and professional programs. Further, the BOR has directed the administration and faculty to develop a set of academic programs to attract a statewide rather than a more limited regional student population.

Within guidelines established by the BOR, the FAMU community endorses a more specific statement of purpose for the university. Philosophically, the university is dedicated to the traditional ideals of learning, focusing its attention and efforts upon the creation, transmission, and application of knowledge. These ideals dictate that the primary purpose of the university is to advance learning and, thereby, contribute to improving the quality of life for those individuals it serves and their society.

FAMU is committed to four utilitarian goals which complement its philosophical purpose:

1. To prepare students to serve in a variety of professional and occupational pursuits consistent with the current and projected manpower needs of the state and nation;

2. To prepare students for effective community leadership and service;

3. To provide services which bring knowledge to focus on societal problems, with particular emphasis on rural and urban living; and

4. To perform research relevant to the solution of human problems affecting society in a variety of ways.

Section III

ANALYSIS OF STUDENT POPULATION

Student enrollment is the single most important factor considered by the survey team in making decisions related to planning square footage size and total amount of facilities. The unit of enrollment used by the survey is the capital outlay full-time-equivalent student (COFTE). One undergraduate COFTE represents enrollment in 40 credit hours during the academic year; one graduate COFTE stands for 32 credit hours. The level of enrollment used is the number of COFTE projected for the fifth year beyond the fiscal year in which the survey is conducted. This is consistent with the five-year planned enrollment cycle for the State University System.

The survey uses COFTE projections prepared by the Board of Regents. Projections are provided for all credit activity at each site for which facilities are required. Enrollments are identified by discipline group within level of student.

Planned Enrollments

The planned enrollments for Florida A and M University, prepared by the Board and used in the survey, are presented by discipline by site in the following tables. Table 1 gives COFTE projections for lower level undergraduate students for Site 1, Main Campus, Table 2 for upper level undergraduate students, and Table 3 for graduate students. Table 4 provides a summary of the projections for Main Campus and Table 5 shows an analysis of enrollment change from the base year of 1990-91 to the projection outyear of 1995-96.

The enrollment projections presented here were developed for use in the generation of capital outlay needs only. They were prepared by level but not by discipline. The enrollment projections by discipline shown here are based on the current year discipline distribution of FTE enrollments.

TABLE 1

PLANNED CAPITAL OUTLAY FULL-TIME-EQUIVALENT
LOWER LEVEL UNDERGRADUATE ENROLLMENT
BY DISCIPLINE FOR SITE 1: MAIN CAMPUS

	Discipline Category	1991-92	1992-93	1993-94	1994-95	1995-96
01	Agribusiness	2	2	3	3	3
02	Agriculture Sciences	8	9	9	9	9
04	Architecture	60	62	63	65	66
05	Area/Ethnic Studies	0	0	0	0	0
06	Business & Management	181	185	190	195	199
09	Communications	31	32	33	34	35
11	Computer Sciences	81	83	85	87	89
13	Education	122	125	128	131	134
14	Engineering	10	10	10	10	11
15	Engineering Technology	34	35	36	36	37
16	Foreign Languages	74	75	77	79	81
17	Allied Health	0	0	0	0	0
18	Health Sciences	193	198	203	208	213
19	Home Economics	10	10	10	10	11
23	Letters	506	520	533	547	558
24	Liberal/General Studies	289	295	303	310	318
26	Life Sciences	158	162	166	170	174
27	Mathematics	447	458	470	482	492
30	Multi/Interdisciplinary Studies	24	25	25	26	27
38	Philosophy/Religion	36	37	38	38	40
40	Physical Sciences	196	200	205	210	215
42	Psychology	98	100	103	105	108
43	Protective Sciences	0	0	0	0	0
44	Public Affairs	0	0	0	0	0
45	Social Sciences	522	534	548	561	575
50	Visual/Performing Arts	69	70	72	74	76
	TOTAL	3151	3227	3310	3390	3471

SOURCE: Florida, Board of Regents, Office of Capital Budgets, "Planned Capital Outlay Full-Time-Equivalent Lower Level Undergraduate Enrollment by Discipline for Site 1: Main Campus," 29 March 1991.

TABLE 2

PLANNED CAPITAL OUTLAY FULL-TIME-EQUIVALENT
UPPER LEVEL UNDERGRADUATE ENROLLMENT
BY DISCIPLINE FOR SITE 1: MAIN CAMPUS

	Discipline Category	1991-92	1992-93	1993-94	1994-95	1995-96
01	Agribusiness	14	14	16	16	17
02	Agriculture Sciences	28	29	31	33	34
04	Architecture	83	85	92	96	100
05	Area/Ethnic Studies	0	0	0	0	0
06	Business & Management	512	525	570	592	617
09	Communications	50	51	55	58	60
11	Computer Sciences	99	101	109	114	119
13	Education	329	337	366	380	396
14	Engineering	4	4	4	4	5
15	Engineering Technology	54	55	60	62	65
16	Foreign Languages	4	4	4	4	5
17	Allied Health	100	102	111	115	120
18	Health Sciences	282	289	313	326	339
19	HomeEconomics	0	0	0	0	0
23	Letters	70	72	78	81	84
24	Liberal/General Studies	0	0	0	0	0
26	Life Sciences	53	54	58	61	63
27	Mathematics	225	230	250	259	270
30	Multi/Interdisciplinary Studies	0	0	0	0	0
38	Philosophy/Religion	27	28	30	31	32
40	Physical Sciences	160	164	178	185	193
42	Psychology	92	94	102	107	111
43	Protective Sciences	119	122	132	138	143
44	Public Affairs	59	60	65	68	71
45	Social Sciences	247	253	274	286	297
50	Visual/Performing Arts	110	113	122	127	133
	TOTAL	2721	2786	3020	3143	3274

SOURCE: Florida, Board of Regents, Office of Capital Budgets, "Planned Capital Outlay Full-Time-Equivalent Upper Level Undergraduate Enrollment by Discipline for Site 1: Main Campus," 29 March 1991.

TABLE 3

PLANNED CAPITAL OUTLAY FULL-TIME-EQUIVALENT
GRADUATE LEVEL ENROLLMENT
BY DISCIPLINE FOR SITE 1: MAIN CAMPUS

	Discipline Category	1991-92	1992-93	1993-94	1994-95	1995-96
01	Agribusiness	0	0	0	0	0
02	Agriculture Sciences	0	0	0	0	0
04	Architecture	32	32	34	34	34
05	Area/Ethnic Studies	1	1	1	2	2
06	Business & Management	69	71	72	74	75
09	Communications	0	0	0	0	0
11	Computer Sciences	0	0	0	0	0
13	Education	111	113	116	119	121
14	Engineering	0	0	0	0	0
15	Engineering Technology	0	0	0	0	0
16	Foreign Languages	0	0	0	0	0
17	Allied Health	0	0	0	0	0
18	Health Sciences	32	32	33	34	34
19	Home Economics	0	0	0	0	0
23	Letters	3	3	3	3	3
24	Liberal/General Studies	0	0	0	0	0
26	Life Sciences	0	0	0	0	0
27	Mathematics	4	4	4	4	5
30	Multi/Interdisciplinary Studies	6	6	6	6	6
38	Philosophy/Religion	0	0	0	0	0
40	Physical Sciences	1	1	1	1	1
42	Psychology	13	14	15	15	15
43	Protective Sciences	0	0	0	0	0
44	Public Affairs	4	4	4	4	5
45	Social Sciences	12	13	13	13	14
50	Visual/Performing Arts	1	1	1	1	2
	TOTAL	289	295	303	310	317

SOURCE: Florida, Board of Regents, Office of Capital Budgets, "Planned Capital Outlay Full-time-Equivalent Graduate Level Enrollment by Discipline for Site 1: Main Campus," 29 March 1991.

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TABLE 4

SUMMARY OF PLANNED CAPITAL OUTLAY
FULL-TIME-EQUIVALENT STUDENT ENROLLMENT
BY LEVEL FOR SITE 1: MAIN CAMPUS

Year	Lower Level	Upper Level	Graduate Level	TOTAL
1991-92	3151	2721	289	6161
1992-93	3227	2786	295	6308
1993-94	3310	3020	303	6633
1994-95	3390	3143	310	6843
1995-96	3471	3274	317	7062

TABLE 5

ANALYSIS OF PLANNED ENROLLMENT CHANGE
FROM 1990-91 TO 1995-96
FOR SITE 1: MAIN CAMPUS

Year	Lower Level	Upper Level	Graduate Level	TOTAL
Base Year: 1990-91	2906	2661	282	5849
Outyear: 1995-96	3471	3274	317	7062
Numerical Change	+565	+613	+35	+1213
Percentage Change	19.44	23.04	12.41	20.74

Section IV

ACADEMIC PROGRAMS OF THE UNIVERSITY

Decisions regarding academic programs provided by the university come under the purview of the university president and the Board of Regents. Consistent with Section 240.227(16), F.S., the president makes recommendations to the Board regarding establishment as well as termination of degree programs. The Board, under the provisions of Section 240.209(3)(c) and Section 240.209(3)(i), F.S., clearly has responsibility for approving new degree programs for all state universities as well as terminating programs when evidence warrants.

Further, in accordance with Section 240.209(3)(j), F.S., the Board is responsible for adopting a systemwide master plan for the State University System as well as a master plan for each university which identifies the degree programs to be offered at the university. Pursuant to Section 240.2095(1)(d), F.S., new programs for a university can be approved only if they are consistent with the master plans.

When a university wants to begin a new degree program, the proposal must pass through the academic review process for the State University System. In accordance with Section 6C-3.08, FAC, the university president must request and receive authority from the Board of Regents first to study the feasibility of the new program, then to plan the program, and finally to implement it.

The supportive role of the educational plant survey is to formulate a plan for housing the programs and services offered by the university. The survey team developed a comprehensive five-year plan for appropriately accommodating the academic programs, student population, faculty, administrators, staff, and auxiliary and ancillary services of the university.

Florida A and M University provides a wide variety of academic programs. The university has five colleges and seven schools, most of which include several departments or divisions. They are shown below.

COLLEGES

COLLEGE OF ARTS AND SCIENCES
- College Legel Academic Skills Program
- Department of Army ROTC
- Department of Biology
- Department of Chemistry
- Department of Computer and Information Systems
- Department of History, Political Science, and Economics
- Department of Languages and Literature
- Department of Mathematics
- Department of Music
- Department of Physics
- Department of Psychology
- Department of Social Work
- Department of Sociology and Criminal Justice
- Department of Visual Art, Humanities, and Theatre

COLLEGE OF ENGINEERING SCIENCES, TECHNOLOGY AND AGRICULTURE
- Division of Agricultural Sciences
- Division of Engineering Sciences
- Division of Engineering Technology
- Division of Naval Sciences

COLLEGE OF PHARMACY AND PHARMACEUTICAL SCIENCES

COLLEGE OF EDUCATION
- Department of Educational Leadership and Human Services
- Department of Elementary Education
- Department of Health, Physical Education, and Recreation
- Department of Industrial Arts and Vocational Education
- Department of Secondary Education and Foundations
- Florida A & M University Developmental Research School

FAMU/FSU COLLEGE OF ENGINEERING
- Department of Chemical Engineering
- Department of Civil Engineering
- Department of Electrical Engineering
- Department of Industrial Engineering
- Department of Mechanical Engineering

SCHOOLS

SCHOOL OF ALLIED HEALTH SCIENCES
- Division of Health Care Management
- Division of Medical Record Administration
- Division of Occupational Therapy
- Division of Physical Therapy
- Division of Respiratory Therapy

SCHOOL OF ARCHITECTURE

SCHOOL OF GENERAL STUDIES
- Division of Academic Programs Interface
- Division of College Level Academic Skills

SCHOOL OF GRADUATE STUDIES, RESEARCH AND CONTINUING EDUCATION

SCHOOL OF BUSINESS AND INDUSTRY
- Division of Control and Financial Services
- Division of Management Sciences
- Division of Professional Development

SCHOOL OF JOURNALISM, MEDIA, AND GRAPHIC ARTS
- Division of Graphic Arts
- Division of Journalism

SCHOOL OF NURSING

Students at Florida A and M can earn degrees in the academic program areas listed below. For each listing, the level of degree available is indicated by a symbol: B - bachelor's degree, M - master's degree, P - professional degree, D or Ph.D - doctoral degree.

Degree Offerings

Accounting, B
Adult and Continuing Education, M
Afro-American Studies, B
Agriculture (with options), B
Agricultural Business, B
Agricultural Sciences, M
Applied Social Sciences, M
Architecture, B, M
Architectural Technology, B
Art Education, B
Banking and Finance, B
Biology, B, M
Business Administration, M
Business Education, B, M
Business Economics, B
Business Management, B, M
Chemical Engineering, B, M, D
Chemistry, B, M
Civil Engineering, B, M
Civil Engineering Technology, B
Computer and Information Systems, B
Construction Engineering Technology, B
Community/School Psychology, M
Construction Engineering Technology, B
Counselor Education, M
Dramatic Arts/Theatre, B
Economics, B
Educational Leadership, M
Electrical Engineering, B, M
Electronic Engineering Technology, B
Elementary Education, B, M
English, B
English Education, B, M
Fine Arts, General, B
Graphic Arts Technology, B
Health Care Administration, B
History, B
Industrial Arts Education, B, M
Industrial Engineering, B
International Relations, B
Journalism, B
Landscape Design and Management, B
Magazine Production, B
Marketing and Purchasing, B
Mathematics, B
Mathematics Education, B, M
Mechanical Engineering, B, M, D
Medical Record Administration, B
Music (Performing, Composition, Theory), B
Music Education, B
Nursing, B
Occupational Therapy, B
Pharmacy, B, M, P, Ph.D
Philosophy, B
Philosophy and Religion, B
Physical Education, B, M
Physical Therapy, B
Physics, B
Political Science, B
Psychology, B
Public Administration, B
Religious Studies, B
Respiratory Therapy, B
Science Education, B, M
Secondary Education, M
Social Studies Education, B, M
Social Work, B
Sociology, B
Vocational-Industrial Education, B, M

Section V

INVENTORY OF EXISTING SITES AND BUILDINGS

During the educational plant survey, members of the survey team visited all existing sites and buildings of the university for which titles are vested in the Board of Regents, in trust by the Department of Natural Resources, Internal Improvement Trust Fund, as well as those under long-term lease to the university. They examined buildings with regard to physical condition to determine whether they could be classified as satisfactory and recommended for continued use. They also evaluated facilities with respect to adequacy and suitability for accommodating the academic programs and related services provided by the university.

Description of Site

Florida A and M University has one owned site, the Main Campus, which is situated in Leon County.

Main Campus

Main Campus, Site 1, is located on Martin Luther King, Jr. Boulevard a few blocks south of the State Capitol Building in Tallahassee. The campus consists of 109 buildings set on 419 acres of land.

Description of Buildings

The 109 owned buildings include 104 permanent, one temporary, and four farm buildings. Thirty-nine of the permanent buildings are residential facilities, such as dormitories and student apartments, which are not addressed by the survey. Eight other permanent buildings comprise the developmental research school, which is handled by a separate survey. The 62 academic buildings, which are the focal point of the regular five-year educational plant survey, are listed in Table 6.

First, the building number and names are given. The status information refers to the degree of permanence of the building based on structural materials and life expectancy. For example, a building constructed of masonry and steel and having a fifty-year lifetime is classified as permanent. One constructed of wood and having a much shorter life span is listed as temporary. During the period between the construction contract award and the final inspection, a building is classified as under construction.

TABLE 6

INVENTORY OF ACADEMIC BUILDINGS FOR
SITE 1: MAIN CAMPUS

Number	Name	Status	Condition	ASF	NonASF	GSF
1	Lee Hall	Cons	Satis	25,407	13,691	50,052
2	Jackson-Davis	Cons	Satis	9,912	5,241	17,473
3	University Commons	Perm	Termi	28,464	10,085	57,062
4	College for Kids	Temp	Satis	699	24	784
6	School of Business and Industry	Perm	Satis	30,576	17,311	49,260
7	Carnegie Center	Perm	Remod	3,114	587	4,427
9	Ware-Rhaney Nurse/Health	Perm	Remod	18,435	12,258	33,636
10	Track and Field Obs Tower	Perm	Satis	691	282	1,205
11	Athletic Storage	Perm	Satis	300	0	450
12	Greenhouse	Perm	Satis	6,210	171	7,697
14	Tucker Hall	Perm	Remod	45,572	21,715	77,536
15	Honor House	Perm	Remod	2,635	1,615	5,248
16	School of Architecture	Perm	Remod	44,787	5,303	63,685
18	Maintenance Garage	Perm	Satis	2,445	562	3,119
19	Maintenance Office	Perm	Satis	1,461	503	2,327
20	Swim Pool Locker House	Perm	Satis	3,186	1,302	18,455
21	Gaither Gym Complex	Perm	Remod	20,766	4,849	25,730
22	Gaither Office and Classroom	Perm	Remod	15,204	5,340	28,903
23	Women's Athletic Complex	Perm	Satis	4,989	1,295	6,696
25	FAMU Boosters	Perm	Demol	1,169	418	1,940
28	Old Pump House and Storage	Perm	Satis	40	394	544
29	Salt Storage House	Perm	Satis	191	65	320
31	Dairy Barn/Winemaking	Farm	Remod	3,627	710	4,770
32	Industrial Arts	Perm	Satis	6,114	1,115	7,717
34	Continuing Education Conference	Perm	Remod	1,212	348	2,247
35	New Farm Shop	Cons	Satis	2,200	200	2,510
36	College for Kids	Perm	Demol	788	209	1,701
37	Continuing Educ	Perm	Remod	1,192	685	2,115
39	P V Polkinghorne CETA	Perm	Demol	7,267	1,541	8,808
40	Environmental Health/Safety	Perm	Demol	763	205	1,124
41	University Activities Ctr	Perm	Satis	1,555	740	2,295
42	Counseling Center	Perm	Remod	3,103	1,346	4,985
49	Coleman Library	Perm	Satis	53,649	20,117	82,345
52	Central Heating Plant	Cons	Satis	637	4,823	6,006
54	Foote-Hilyer Adm Center	Perm	Remod	43,009	24,831	81,251
55	Jones Hall	Perm	Remod	35,027	14,441	54,318

TABLE 6 (Continued)

INVENTORY OF ACADEMIC BUILDINGS FOR
SITE 1: MAIN CAMPUS

Number	Name	Status	Condition	ASF	NonASF	GSF
57	Phys Facilities Planning	Perm	Remod	1,201	649	1,972
58	Howard Hall	Perm	Remod	17,316	3,905	22,158
68	FTFAC Music	Perm	Remod	17,846	10,536	33,598
69	FTFAC Art	Perm	Remod	5,710	3,634	9,588
70	FTFAC Ceramics	Perm	Remod	3,964	1,343	7,473
71	Gore Education Center	Perm	Remod	39,018	21,995	71,366
74	Dyson Pharmacy	Perm	Remod	36,101	16,737	57,500
75	Feed Storage Animal Shelter	Farm	Satis	6,000	0	7,002
76	Small Animal Laboratory	Farm	Remod	2,922	0	3,200
79	Feed Storage and Swine	Farm	Satis	420	0	600
103	Prefab Maint Storage	Perm	Satis	5,644	0	6,070
104	Prefab Maint Workshop	Perm	Satis	18,473	468	19,844
111	Vocational Technical A	Perm	Remod	19,479	10,372	33,604
112	Vocational Technical B	Perm	Remod	20,461	9,061	33,512
113	Vocational Technical C	Perm	Remod	5,156	1,114	6,724
114	Vocational Technical D	Perm	Remod	5,063	1,025	6,724
124	Security & Campus Police	Perm	Demol	1,656	503	2,884
135	Educ Res Ctr Child Care	Perm	Satis	2,193	1,395	4,671
300	Bragg Stadium	Perm	Remod	10,414	6,368	17,542
305	Athletic Fieldhouse	Perm	Satis	10,358	5,168	16,816
561	Paige H E	Perm	Remod	11,135	4,699	19,551
562	Perry	Perm	Remod	39,194	14,932	64,893
601	Student Union 1	Cons	Satis	3,829	1,458	6,149
602	Student Union 2	Cons	Satis	17,583	5,361	25,411
603	Student Union 3	Cons	Satis	6,716	3,593	11,786
604	Student Union 4	Cons	Satis	16,522	5,286	25,150
	Total Square Footage			750,770	303,924	1,234,529

The condition classification reports whether the physical quality of the building has been evaluated by the survey team as satisfactory or unsatisfactory. Buildings described in the table as satisfactory or in need of remodeling or renovation are included in the satisfactory category. Those identified as in need of demolition or appropriate for termination are included in the unsatisfactory category. Facilities determined to be satisfactory by the survey are recommended for continued use.

Assignable square footage (ASF) is defined as the sum of all areas on all floors of a building assigned to or available for assignment to and functionally usable by an occupant. Nonassignable square footage (NonASF) is the sum of all areas on all floors not available for assignment to an occupant, specifically, custodial, mechanical, toilet, and interior circulation spaces. Gross square footage (GSF) is the sum of the floor areas of the building included within the outside faces of exterior walls for all stories or areas which have floor surfaces.

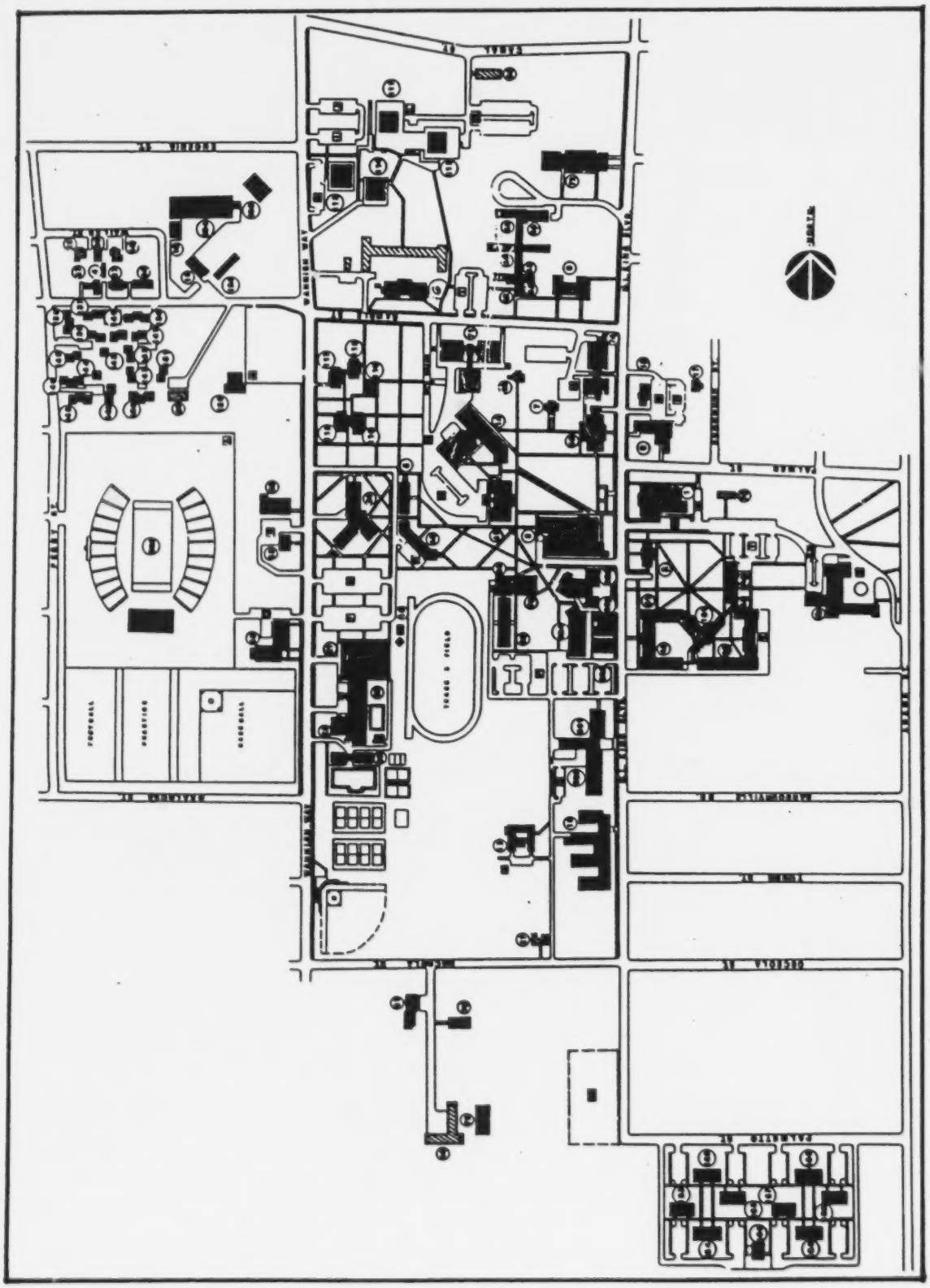
The survey team evaluated the 62 academic buildings on Site 1, Main Campus. The one temporary building was in satisfactory condition, but needed to be remodeled or renovated. Three of the farm buildings were in satisfactory condition, but needed remodeling or renovation. The fourth farm building, Building 35, New Farm Shop, was under construction.

Most of the 57 permanent buildings were in satisfactory condition, but needed to be remodeled or renovated. Seven were under construction for major remodeling at the time of the survey. They were Building 1, Lee Hall; Building 2, Jackson-Davis; Building 52, Central Heating Plant; and Buildings 601, 602, 603, 604, Student Union.

Six of the permanent buildings were in unsatisfactory condition. Use of one should be terminated unless its condition can be greatly improved through extensive remodeling and renovation: Building 3, University Commons. Five of the unsatisfactory buildings needed to be razed: Building 25, FAMU Boosters; Building 36, College for Kids; Building 39, P.V. Polkinghorne CETA; Building 40, Environmental Health and Safety; and Building 124, Security and Campus Police.

The locations of most of the buildings on Site 1 are shown on the campus map on the following page.

Florida Agricultural and Mechanical University



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Types and Amounts of Assignable Space

The assignable space of an educational plant accommodates a variety of functions including instruction, academic support, and institutional support. Instructional facilities include classrooms, teaching laboratories, and research laboratories as well as related service areas.

Auxiliary and ancillary facilities provide for the noninstructional functions of a university. Auxiliary facilities are those which house academic support and institutional support functions located at campuses and instructional centers. Ancillary facilities are those which provide for universitywide institutional support at central locations.

Academic support facilities include areas for library, instructional media, assembly and exhibition, and gymnasium functions. Institutional support facilities include student services facilities which consist of spaces for food, lounging, merchandising, recreation, and meeting room services for students as well as faculty, administrators, and staff; all office and conference facilities as well as administrative data processing areas; and support services facilities which consist of maintenance shops, central storage, and vehicle storage.

During the survey process, the square footages of the many types of facilities are grouped into ten standard assignable space categories: classroom, teaching laboratory, research laboratory, library, instructional media, assembly and exhibition, gymnasium, student services, office and computer, and support services. Besides the ten standard categories, there are two additional assignable space categories: residential which includes dormitory, apartment, and other housing facilities; and other which consists of armory, athletic spectator seating, nonhealth clinic, demonstration, field, locker room, and health care facilities.

The survey also considers whether assignable space is eligible or ineligible for the fixed capital outlay space needs generation formula. Most positions, programs, and activities of the university generate space need according to the formula; the space in which they are housed is called eligible. However, certain other important positions, programs, and activities do not generate a need when the formula is used; the space provided for them is called ineligible. Such space can be part of any of the space categories.

The amount of eligible and ineligible space for all the assignable space categories in each satisfactory academic building of Florida A and M University for which title is vested in the Board of Regents, in trust by the Department of Natural Resources, Internal Improvement Trust Fund, is presented in Table 7. Building numbers are not listed and space is not included for buildings determined to be unsatisfactory by the survey team, for residential facilities, and for the developmental research school. Unsatisfactory space in satisfactory academic buildings also is excluded. A summary of satisfactory, eligible space for the ten standard assignable space categories is given in Table 8.

TABLE 7
ELIGIBLE AND INELIGIBLE ASSIGNABLE SQUARE FOOTAGE
OF SATISFACTORY SPACE BY CATEGORY BY BUILDING
FOR SITE 1: MAIN CAMPUS

Building Number	Class-room	Teaching Lab	Research Lab	Library	Instruct Media	Assembly/ Exhibit	Gym	Student Services	Office Computer	Support Services	Other	Total
1												
Eligible	0	0	0	0	0	13000	0	250	12157	0	0	25407
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	13000	0	250	12157	0	0	25407
2												
Eligible	1800	1800	0	0	0	0	0	0	6312	0	0	9912
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	1800	1800	0	0	0	0	0	0	6312	0	0	9912
4												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	0	252	0	447	699
Total	0	0	0	0	0	0	0	0	252	0	447	699
6												
Eligible	7415	3295	0	3112	800	0	0	653	10872	0	0	26147
Ineligible	375	0	0	0	0	0	0	0	4054	0	0	4429
Total	7790	3295	0	3112	800	0	0	653	14926	0	0	30576
7												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
9												
Eligible	2156	6779	0	1397	0	0	0	1261	6481	0	0	18074
Ineligible	0	0	0	0	0	0	0	0	0	0	361	361
Total	2156	6779	0	1397	0	0	0	1261	6481	0	361	18435
10												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	691	0	0	0	0	691
Total	0	0	0	0	0	0	691	0	0	0	0	691

TABLE 7 (Continued)
ELIGIBLE AND INELIGIBLE ASSIGNABLE SQUARE FOOTAGE
OF SATISFACTORY SPACE BY CATEGORY BY BUILDING
FOR SITE 1: MAIN CAMPUS

Building Number	Class-room	Teaching Lab	Research Lab	Library	Instruct Media	Assembly/ Exhibit	Gym	Student Services	Office Computer	Support Services	Other	Total
11												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	300	0	0	0	0	300
Total	0	0	0	0	0	0	300	0	0	0	0	300
12												
Eligible	0	0	5514	0	0	0	0	0	174	0	522	6210
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	5514	0	0	0	0	0	174	0	522	6210
14												
Eligible	9970	5637	268	945	0	12602	0	772	13504	0	0	43698
Ineligible	0	475	0	0	448	0	0	0	951	0	0	1874
Total	9970	6112	268	945	448	12602	0	772	14455	0	0	45572
15												
Eligible	0	0	0	0	0	0	0	0	2635	0	0	2635
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	2635	0	0	2635
16												
Eligible	2515	19225	1829	3821	0	1525	0	1938	6296	0	0	37149
Ineligible	0	7398	0	0	0	0	0	240	0	0	0	7638
Total	2515	26623	1829	3821	0	1525	0	2178	6296	0	0	44787
18												
Eligible	0	0	0	0	0	0	0	0	223	1766	456	2445
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	223	1766	456	2445
19												
Eligible	0	0	0	0	0	0	0	0	1461	0	0	1461
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1461	0	0	1461

TABLE 7 (Continued)
ELIGIBLE AND INELIGIBLE ASSIGNABLE SQUARE FOOTAGE
OF SATISFACTORY SPACE BY CATEGORY BY BUILDING
FOR SITE 1: MAIN CAMPUS

Building Number	Class-room	Teaching Lab	Research Lab	Library	Instruct Media	Assembly/ Exhibit	Gym	Student Services	Office Computer	Support Services	Other	Total
20												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	485	0	0	0	0	2701	0	0	0	0	3186
Total	0	485	0	0	0	0	2701	0	0	0	0	3186
21												
Eligible	0	0	0	0	0	0	14868	0	0	0	0	14868
Ineligible	0	0	0	0	0	0	219	0	115	0	5564	5898
Total	0	0	0	0	0	0	15087	0	115	0	5564	20766
22												
Eligible	2622	1908	0	0	0	0	5938	175	2975	0	0	13618
Ineligible	0	0	0	0	0	0	1500	0	86	0	0	1586
Total	2622	1908	0	0	0	0	7438	175	3061	0	0	15204
23												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	548	0	0	0	0	0	2780	0	1661	0	0	4989
Total	548	0	0	0	0	0	2780	0	1661	0	0	4989
28												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	40	0	0	0	0	40
Total	0	0	0	0	0	0	40	0	0	0	0	40
29												
Eligible	0	0	0	0	0	0	0	0	0	191	0	191
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	191	0	191
31												
Eligible	0	0	2387	0	0	0	0	0	907	0	0	3294
Ineligible	0	0	0	0	0	0	0	0	157	0	176	333
Total	0	0	2387	0	0	0	0	0	1064	0	176	3627

TABLE 7 (Continued)
ELIGIBLE AND INELIGIBLE ASSIGNABLE SQUARE FOOTAGE
OF SATISFACTORY SPACE BY CATEGORY BY BUILDING
FOR SITE 1: MAIN CAMPUS

Building Number	Class Room	Teaching Lab	Research Lab	Library	Instruct Media	Assembly/ Exhibit	Gym	Student Services	Office Computer	Support Services	Other	Total
32												
Eligible	400	5165	0	0	0	0	0	0	549	0	0	6114
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	400	5165	0	0	0	0	0	0	549	0	0	6114
34												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	1100	112	0	0	1212
Total	0	0	0	0	0	0	0	1100	112	0	0	1212
35												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	0	200	0	2000	2200
Total	0	0	0	0	0	0	0	0	200	0	2000	2200
37												
Eligible	0	0	0	0	0	0	0	0	1192	0	0	1192
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1192	0	0	1192
41												
Eligible	0	0	0	0	0	0	0	580	0	0	0	590
Ineligible	0	0	0	0	0	0	0	975	0	0	0	975
Total	0	0	0	0	0	0	0	1555	0	0	0	1555
42												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
49												
Eligible	0	1101	0	41962	4430	1190	0	2121	2845	0	0	53649
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1101	0	41962	4430	1190	0	2121	2845	0	0	53649

TABLE 7 (Continued)
ELIGIBLE AND INELIGIBLE ASSIGNABLE SQUARE FOOTAGE
OF SATISFACTORY SPACE BY CATEGORY BY BUILDING
FOR SITE 1: MAIN CAMPUS

Building Number	Class Room	Teach Lab	Research Lab	Library	Instruct Media	Assembly/ Exhibit	Gym	Student Services	Office Computer	Support Services	Other	Total
52												
Eligible	0	0	0	0	0	0	0	0	99	538	0	637
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	99	538	0	637
54												
Eligible	0	0	0	228	0	0	0	836	37861	1144	0	40069
Ineligible	0	0	0	0	0	0	0	130	795	0	2015	2940
Total	0	0	0	228	0	0	0	966	38656	1144	2015	43009
55												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
57												
Eligible	0	0	0	0	0	0	0	0	1201	0	0	1201
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1201	0	0	1201
58												
Eligible	0	0	0	0	0	0	0	0	1935	0	0	1935
Ineligible	2820	0	0	0	5	0	0	3224	2418	989	5925	15381
Total	2820	0	0	0	5	0	0	3224	4353	989	5925	17316
68												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
69												
Eligible	377	3597	0	0	0	771	0	0	965	0	0	5710
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	377	3597	0	0	0	771	0	0	965	0	0	5710

TABLE 7 (Continued)
ELIGIBLE AND INELIGIBLE ASSIGNABLE SQUARE FOOTAGE
OF SATISFACTORY SPACE BY CATEGORY BY BUILDING
FOR SITE 1: MAIN CAMPUS

Building Number	Class Room	Teaching Lab	Research Lab	Library	Instruct Media	Assembly/ Exhibit	Gym	Student Services	Office Computer	Support Services	Other	Total
70												
Eligible	0	3806	0	0	0	0	0	0	158	0	0	3964
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	3806	0	0	0	0	0	0	158	0	0	3964
71												
Eligible	8745	7069	616	2591	0	0	0	0	19997	0	0	39018
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	8745	7069	616	2591	0	0	0	0	19997	0	0	39018
74												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
75												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
76												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
79												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	0	0	0	420	420
Total	0	0	0	0	0	0	0	0	0	0	420	420
103												
Eligible	0	0	0	0	0	0	0	0	0	5644	0	5644
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	5644	0	5644

TABLE 7 (Continued)
ELIGIBLE AND INELIGIBLE ASSIGNABLE SQUARE FOOTAGE
OF SATISFACTORY SPACE BY CATEGORY BY BUILDING
FOR SITE 1: MAIN CAMPUS

Building Number	Class Room	Teaching Lab	Research Lab	Library	Instruct Media	Assembly/ Exhibit	Gym	Student Services	Office Computer	Support Services	Other	Total
104												
Eligible	0	0	0	0	0	0	0	0	1469	17004	0	18473
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1469	17004	0	18473
111												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
112												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
113												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
114												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
135												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	0	0	0	2193	2193
Total	0	0	0	0	0	0	0	0	0	0	2193	2193
300												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	10414	0	0	0	0	10414
Total	0	0	0	0	0	0	10414	0	0	0	0	10414

TABLE 7 (Continued)
ELIGIBLE AND INELIGIBLE ASSIGNABLE SQUARE FOOTAGE
OF SATISFACTORY SPACE BY CATEGORY BY BUILDING
FOR SITE 1: MAIN CAMPUS

Building Number	Class Room	Teaching Lab	Research Lab	Library	Instruct Media	Assembly/ Exhibit	Gym	Student Services	Office Computer	Support Services	Other	Total
305												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	7835	0	2403	0	120	10358
Total	0	0	0	0	0	0	7835	0	2403	0	120	10358
561												
Eligible	0	0	0	0	0	0	0	0	5281	0	0	5281
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	5281	0	0	5281
562												
Eligible	0	0	0	0	0	0	0	0	0	0	0	0
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
601												
Eligible	0	0	0	0	0	0	0	0	3829	0	0	3829
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	3829	0	0	3829
602												
Eligible	0	0	0	0	0	0	0	12589	3456	1538	0	17583
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	12589	3456	1538	0	17583
603												
Eligible	0	0	0	0	0	0	0	4667	2049	0	0	6716
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	4667	2049	0	0	6716
604												
Eligible	0	0	0	0	0	1266	0	15256	0	0	0	16522
Ineligible	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	1266	0	15256	0	0	0	16522

TABLE 7 (Continued)
ELIGIBLE AND INELIGIBLE ASSIGNABLE SQUARE FOOTAGE
OF SATISFACTORY SPACE BY CATEGORY BY BUILDING
FOR SITE 1: MAIN CAMPUS

Building Number	Class Room	Teach Lab	Research Lab	Library	Instruct Media	Assembly/ Exhibit	Gym	Student Services	Office Computer	Support Services	Other	Total
Site Total												
Eligible	36000	59382	10614	54056	5230	30354	20806	41098	146883	27825	978	433226
Ineligible	3743	8358	0	0	453	0	26480	5669	13204	989	19221	78117
Total	39743	67740	10614	54056	5683	30354	47286	46767	160087	28814	20199	511343

TABLE 8

AGGREGATE ASSIGNABLE SQUARE FOOTAGE
OF SATISFACTORY ELIGIBLE SPACE
BY CATEGORY

Space Category	Site 1: Main Campus
Instructional	
Classroom	36,000
Teaching Laboratory	59,382
Research Laboratory	10,614
Academic Support	
Library	54,056
Instructional Media	5,230
Assembly/Exhibition	30,354
Gymnasium	20,806
Institutional Support	
Student Services	41,098
Office/Computer	146,883
Support Services	27,825
SITE TOTAL	432,248

Section VI

PLAN FOR HOUSING PROGRAMS, STUDENTS, PERSONNEL, AND SERVICES

The survey team developed a plan for housing academic programs, projected student enrollments, faculty, staff, and administrators, and auxiliary and ancillary services for the ensuing five-year period. The planning process required evaluation of existing educational plants, determination of future needs, and recommendations for changes and additions to existing plants to provide for future needs.

Determination of Needs

The basic method used to determine the facilities required by a university to accommodate educational programs, student enrollments, personnel, and services is the fixed capital outlay space needs generation formula. The space needs formula provides for instructional, research, academic support, student services, and institutional support services needs. It recognizes ten categories of space: classroom, teaching laboratory, research laboratory, library, instructional media, assembly and exhibition, gymnasium, student services, office and administrative data processing, and support services.

Although each of the ten categories is treated individually in the formula, only three basic methods are used for generating space. They include: space factors for scheduled space, allotments for nonscheduled space, and space provided as a percentage of other space. Further, while the capital outlay full-time-equivalent enrollment (COFTE) projection by site acts as primary generator, the formula recognizes variations in space requirements derived from discipline groupings, course levels, research programs, and library holdings as well as faculty, staff, and contract and grant positions. Thus the formula results in campuswide aggregate square footage allocations for the ten standard assignable space categories based on the combination of students, programs, faculty, and staff unique to the university.

The alternative method for identifying facility needs is the exception procedure. This method is used where the university has special problems or extraordinary needs not supported by the formula. One example is unusual requirements for a particular type of teaching laboratory. Another example is minimal facilities for a program which are not provided by the space needs generated from the initial enrollment level for the program.

The particular space standards used in the fixed capital outlay space needs generation formula for determining the needs of Florida A and M University are displayed in Table 9. Aggregate square footage allocations for the ten standard assignable space categories as generated for the university by the formula are presented in Table 10.

TABLE 9

SPACE STANDARDS USED IN FIXED CAPITAL OUTLAY
TEN SPACE CATEGORY NEEDS GENERATION FORMULA
SITE 1: MAIN CAMPUS

Space Type by Category	Space Standard
Classroom	
Lower Level Undergraduate	8.51 ASF per FTE
Upper Level Undergraduate	7.62 ASF per FTE
Beginning Level Graduate	6.17 ASF per FTE
Advanced Level Graduate	5.62 ASF per FTE
Teaching Laboratory	
Lower Level Undergraduate	6.90 ASF per FTE
Upper Level Undergraduate	15.27 ASF per FTE
Beginning Level Graduate	16.83 ASF per FTE
Advanced Level Graduate	18.94 ASF per FTE with 50,000 ASF Minimum
Research Laboratory	
Beginning Level Graduate	22.49 ASF per FTE
Advanced Level Graduate	450.00 ASF per FTE
Contract & Grant Research Faculty	421.15 ASF per FTE
Educational & General Research Faculty	133.49 ASF per FTE
Library	
Study Area	
Undergraduate Level Reading Room	6.25 ASF per FTE
Beginning Level Graduate Carrel	7.50 ASF per FTE
Advanced Level Graduate Carrel	7.50 ASF per FTE
Law Student Carrel	0.00 ASF per FTE
Faculty Carrel	3.34 ASF per FTE
Stack Area	Total of 0.10 ASF per volume for first 150,000 volumes, plus 0.09 ASF per volume for second 150,000 volumes, plus 0.08 ASF per volume for next 300,000 volumes, plus 0.07 ASF per volume for volumnes above 600,000
Service Area	5 percent of total ASF for study and stack areas
Instructional Media	5 percent of total ASF for classroom and teaching laboratory categories
Assembly/Exhibition	3.00 ASF per FTE, with 25,000 ASF minimum
Gymnasium	38,000 ASF minimum, plus 3.00 ASF per FTE for all FTE over 5,000 FTE
Student Services	7.50 ASF per FTE
Office/Computer	145.00 ASF per position
Support Services	5 percent of total ASF generated by formula plus 5 percent of other existing space requiring support services

SOURCE: Florida, Board of Regents, Office of Capital Budgets, "Space Standards Used in Fixed Capital Outlay Ten Space Category Needs Generation Formula, Florida A and M University, Site 1: Main Campus." 5 June 1991.

TABLE 10

AGGREGATE ASSIGNABLE SQUARE FOOTAGE ALLOCATED BY
FIXED CAPITAL OUTLAY TEN SPACE CATEGORY
NEEDS GENERATION FORMULA BY CATEGORY BY SITE

Space Category	Site 1: Main Campus	Category Total
Classroom	56,435	56,435
Teaching Laboratory	79,306	79,306
Research Laboratory	58,025	58,025
Library	107,720	107,720
Instructional Media	6,787	6,787
Assembly/Exhibition	25,000	25,000
Gymnasium	44,186	44,186
Student Services	52,965	52,965
Office/Computer	304,828	304,828
Support Services	36,891	36,891
Site Total	772,143	772,143

SOURCE: Florida, Board of Regents, Office of Capital Budgets, "Analysis of Space Needs by Category, Form B, Florida A and M University," 29 March 1991.

Plan for Accommodating Needs

Facility planning for housing educational programs, student enrollments, faculty, staff, and administrators, and auxiliary and ancillary services involves assessment of present plants, identification of future needs, and recommendations for remodeling, renovation, and new construction to meet the needs. During the survey, current physical facilities space file data were compared with square footage needs generated by the formula. Category aggregate square footages of existing space were measured against campuswide space allocations for the ten standard assignable space categories to evaluate what type of recommendations needed to be made by the survey.

The formula provides for many kinds of space but does not address all the space needs of a university. Therefore, the survey considered needs identified through the exception procedure as well. This approach deals with special problems and extraordinary needs not supported by the formula but justified by the university. For example, the formula does not allow for a critical mass of space required for a new program with only initial enrollment. Further, the formula does not generate space for some positions, programs, and activities which are important to the overall function and operation of the university. The latter kind of space is ineligible for or exempt from the capital outlay generation formula. Thus, existing ineligible space is not included within the space inventory which is compared with formula allocations.

The comparison of existing eligible space with formula generated square footage needs for Florida A and M University is given by category in Table 11. A summary of the five year plan for accommodating both eligible and ineligible facility needs of the university, showing the effects of each recommendation, is presented by category in Table 12. Because site improvement recommendations do not effect building square footages, these recommendations are omitted from the table. The effects of remodeling, renovation, and new construction recommendations are included.

Specific information related to the tables is provided throughout the survey report. Planned enrollments for 1995-96 are given in Section III. Academic programs are listed in Section IV. Existing inventory information is found in Section V. Space utilization criteria are described in Section I. Space standards used in the fixed capital outlay needs generation formula are shown in Table 9 of this section.

Formula allocations for the ten space categories are presented in Table 10 of this section. The exception procedure for identifying needs is explained in Section I and VI. Ineligible space is discussed in Sections V and VI. Recommendations for remodeling, renovation, and new construction are included in Section VIII.

TABLE 11

COMPARISON OF EXISTING ELIGIBLE SPACE*
WITH FORMULA GENERATED SQUARE FOOTAGE NEEDS
BY CATEGORY FOR SITE 1: MAIN CAMPUS

Space Category	Generated Need	Existing Space	Deficit or Surplus**
Classroom	56,435	36,000	- 20,435
Teaching Laboratory	79,306	59,382	- 19,924
Research Laboratory	58,025	10,614	- 47,411
Library	107,720	54,056	- 53,664
Instructional Media	6,787	5,230	- 1,557
Assembly/Exhibition	25,000	30,354	+ 5,354
Gymnasium	44,186	20,806	- 23,380
Student Services	52,965	41,098	- 11,867
Office/Computer	304,828	146,883	- 157,945
Support Services	36,891	27,825	- 9,066
TOTAL	772,143	432,248	- 339,895

*Space shown in aggregate assignable square footage.
**Minus sign indicates deficit; plus sign indicates surplus.

TABLE 12

FIVE YEAR PLAN FOR ACCOMMODATING FACILITY NEEDS:
EFFECTS OF RECOMMENDATIONS BY CATEGORY FOR SITE 1: Main Campus

	Class Room	Teaching Lab	Research Lab	Library	Instruct Media	Assembly/ Exhibit	Gym	Student Services	Office/ Computer	Support Services	Total
Total Existing Eligible and Ineligible Space*	39743	67740	10614	54056	5683	30354	47286	46767	160087	28814	491144
Effects of Recommendation**											
Remodeling											
1.14								+20535	+ 5000	+ 2000	
1.15						+ 3000					
1.16	+ 344	+ 2221		- 1397				- 261	- 1481		
1.17						+ 549					
1.18									+ 365		
1.19	+ 4000										
1.20							0		0		
1.21	0	0					0	0	0		
1.22			+ 213						- 64		
1.23								- 500	+ 488		
1.24								+ 600	- 452		
1.25									+ 3200		
1.26				- 228				+ 534	+ 344	+ 356	
1.27	+ 4000	+ 25335							+ 6000		
1.28									- 1201	+ 1300	
1.29	+ 1180				- 5			- 3224	- 353	- 989	
1.30	+ 2360	+ 10758						+ 500	+ 4228		
1.31	0	0				0			0		
1.32		0							0		
1.33	+ 6000	+ 9000	+ 9500					+ 1000	+ 11000		
1.34			+ 2922								
1.35	+ 4000	+ 10000		- 2248				+ 1000	+ 4074		
1.36	+ 6274	+ 17198							+ 4868	+ 4721	
1.37		+ 4523							+ 300		
1.38	+ 650	+ 3733							+ 300		

*Space shown in aggregate assignable square footage.

**Recommendations are found in Section VIII. Recommendations for site acquisition, development, and improvement are omitted from the table because none of them affect any of the ten space categories. Minus sign means space changed to other use; plus sign means space created.

TABLE 12 (Continued)

FIVE YEAR PLAN FOR ACCOMMODATING FACILITY NEEDS:
EFFECTS OF RECOMMENDATIONS BY CATEGORY FOR SITE 1: Main Campus

	Class Room	Teaching Lab	Research Lab	Library	Instruct Media	Assembly/ Exhibit	Gym	Student Services	Office/ Computer	Support Services	Total
Renovation											
1.39	0										
1.40	0										
1.41	0										
1.42	0										
1.43	0										
1.44	+ 860	+ 826							+ 4372		
1.45	+ 1482	+ 9517	+ 4980			+ 4359			+18464		
New Construction											
1.46	+ 4000	+ 16200	+ 4700					+ 1000	+ 7800		
1.47						+ 8000					
1.48				+45041					+ 8000		
1.49	+ 1000	+ 8200				+ 1000			+ 1800		
1.50	+53980							+ 330		+ 800	
1.51	+ 4200		+33088	+ 8000	+ 2000			+ 775	+ 7970	+ 1800	
1.52		+ 2000							+ 500		
1.53							+23380				
1.54	+ 2000					+18300			+ 2280		
1.55									+12550	+37500	
1.56									+44389		
Survey Recommended Space	132073	191251	66017	107720	7678	65562	70666	69056	304828	76302	

*Space shown in aggregate assignable square footage.

**Recommendations are found in Section VIII. Recommendations for site acquisition, development, and improvement are omitted from the table because none of them affect any of the ten space categories. Minus sign means space changed to other use; plus sign means space created.

Section VII

ANALYSIS OF CAPITAL OUTLAY FINANCES

The survey team developed a comprehensive plan for meeting the educational plant needs of the university for the succeeding five-year period. During the planning process it evaluated needs for site acquisition, development, and improvement, remodeling, renovation, and new construction. Implementation of the complete plan for Florida A and M University as set forth in the survey recommendations described in Section VIII was estimated to cost $113,340,532.

Financial capacity for accomplishing the plan depends upon the amount of future revenues made available to the university. Revenue sources accessible for capital outlay expenditure are discussed below. In addition, information regarding the source and distribution of recent capital outlay allocations is found in Tables 13 and 14.

Revenue Sources for Capital Outlay

Under the provisions of the Public Education Bond Amendment, Section 9(a)(2), Article XII, State Constitution, as amended, proceeds of revenues derived from gross receipts taxes for utility services are placed in the Public Education Capital Outlay and Debt Service Trust Fund. Revenues, interest, and proceeds derived from the sale of public education capital outlay bonds issued by the State Board of Education are used to finance capital projects for the state system of public education as authorized by the Legislature. Funds accruing under this section commonly are referred to as public education capital outlay (PECO).

Each year the Legislature allocates funds from the Public Education Capital Outlay and Debt Service Trust Fund appropriation to the various boards in the state system of public education. Pursuant to Section 235.41, F. S., the Commissioner of Education submits a comprehensive capital outlay budget request for all boards to the Legislature. In accordance with Subsection 235.435 (1)(a), F. S., each board annually receives an allocation for remodeling, renovation, maintenance, repairs, and site improvement for existing satisfactory facilities. Further, under the provisions of Subsection 235.435(4)(a), F. S., the Board of Regents receives funds for projects based on a three-year priority list for the entire State University System included in the legislative budget request.

In addition, university students pay building fees and capital improvement fees (CIF). Pursuant to Subsection 235.42(2), F. S., these fees are collected by the Board of Regents, deposited in the Public Education Capital Outlay and Debt Service Trust Fund, and allocated by legislative appropriation. In accordance with Subsection 240.209(3)(h), F. S., the fee rates are established at $2.44 per credit hour per semester for the capital improvement fee and $2.32 for the building fee.

Further, Subsection 240.295(2), F. S., provides additional authority for the State University System to construct and remodel buildings when they are funded by nonstate sources and operated and maintained by other than state general revenue; to replace buildings destroyed by fire or other calamity; and to perform other construction and remodeling projects which do not exceed $100,000.

Moreover, pursuant to Subsection 243.131(1), F. S., the Board of Regents may negotiate with the federal government as well as other governmental and private agencies for funds to construct dormitories and other auxiliary accommodations to serve student and faculty needs. Such loans are secured by issuance of revenue certificates which are retired by income derived from rental of the facilities.

TABLE 13

CAPITAL OUTLAY ALLOCATIONS BY STATE FUND SOURCE
FROM 1986-87 THROUGH 1990-91

Source	1986-87	1987-88	1988-89	1989-90	1990-91	Total
Public Education Bond Amendment (PECO)*	$4,658,640	$8,074,146	$6,511,831	$5,636,792	$5,213,087	$30,094,496
Building and Capital Improvement Fees (CIF)	0	0	0	0	2,039,372	2,039,372
General Revenue (GR)	0	850,033	0	0	0	850,033
TOTAL	$4,658,640	$8,924,179	$6,511,831	$5,636,792	$7,252,459	$32,983,901

SOURCE: Florida, Board of Regents, Office of Capital Budgets, "Florida A & M University, Fund Sources for Capital Outlay Allocations, Five Year Summary 1986-87 to 1990-91," 23 September 1991.

*Includes allocations for remodeling, renovation, maintenance, repairs, and site improvement appropriated by the Legislature as a lump sum amount and allocated by the Board of Regents to the universities based on gross square footage.

TABLE 14
DISTRIBUTION OF CAPITAL OUTLAY ALLOCATIONS
FROM STATE FUND SOURCES
FROM 1986-87 THROUGH 1990-91

Project	Phase*	Source**	1986-87	1987-88	1988-89	1989-90	1990-91	Total
General Remodeling/Renovation	C	PECO	$ 3,000,000	$	$	$	$	$ 3,000,000
Coleman Library Addition	P,C,E	PECO	200,000	6,281,275	363,446			6,844,721
President's Home	P,C,E	PECO	250,000					250,000
Remodeling, Renovation, Maintenance, Repairs, and Site Improvement	P,C	PECO	304,040	189,816	152,582	153,324	259,745	1,059,507
Deferred Maintenance	P,C	PECO	460,500	460,500	377,715	333,687	592,210	2,224,612
Asbestos Corrections/Abatement	P,C	PECO	19,600	89,400		755,140		864,140
Lab School - Remodeling/ Renovation/Construction	P,C	GR & PECO	424,500	850,033			750,000	2,024,533
Student Union Renovation	P,C,E	PECO		200,000	4,463,541	260,500		4,924,041
Exterior Campus Lighting	P,C	PECO		800,000				800,000
Lee Hall Renovation	P,C,E	PECO			353,047	2,739,096		3,092,143
Boiler Replacement Design & Utilities	P,C	PECO			350,000	1,000,000		1,350,000
Jackson-Davis Hall Renovation	P,C,E	PECO				150,000	1,504,632	1,654,632

TABLE 14 (Continued)
DISTRIBUTION OF CAPITAL OUTLAY ALLOCATIONS
FROM STATE FUND SOURCES
FROM 1986-87 THROUGH 1990-91

Project	Phase*	Source**	1986-87	1987-88	1988-89	1989-90	1990-91	Total
Jones Hall Renovation Matching Funds	P,C,E	PECO	$	$	$	$	$750,000	$750,000
Science Research Facility	P	PECO					1,100,000	1,100,000
Bragg Stadium - Fire Code Corrections/Renovation	P,C	CIF					682,000	682,000
Commons Building Remodeling	P,C,E	CIF					549,511	549,511
Student Parking	P,C	CIF					450,000	450,000
Recreational/Athletic Facilities Renovation	P,C,E	CIF					257,861	257,861
Track Bleachers	P,C,E	CIF					100,000	100,000
Fire Code Corrections	P,C	PECO		53,155	451,500	245,045		749,700
Maintenance Enhancement	P,C	PECO					256,500	256,500
TOTAL			$4,658,640	$8,924,179	$6,511,831	$5,636,792	$7,252,459	$32,983,901

SOURCE: Florida, Board of Regents, Office of Capital Budgets, "Florida A&M University, Distribution of Capital Outlay Allocations by Project and Phase, Five Year Detail 1986-87 to 1990-91," 23 September 91.

* Phases include Site Acquisition (SA), Planning (P), Construction (C), and Equipment (E).

** Fund sources include Public Education Bond Amendment (PECO), student building and capital improvement fees (CIF), and general revenue (GR).

Section VIII

RECOMMENDATIONS FOR EDUCATIONAL PLANTS

The comprehensive five-year plan for meeting the educational plant needs of Florida A and M University is specified in the list of recommendations formulated by the survey team. The plan provides for housing the educational program, student population, faculty, administrators, staff, and auxiliary and ancillary services of the university.

Survey recommendations establish the need for university facilities (Section 240.295(1), F.S.). Recommended items are the basic components of projects used in developing long-range plans for educational plants and auxiliary and ancillary facilities (Section 235.16, F.S.), in adopting capital outlay budgets (Section 235.18, F.S.), in preparing fixed capital outlay legislative budget requests (Section 240.209(3)(d), F.S.), and in submitting three-year plans for the Commissioner's annual legislative capital outlay budget request (Section 235.41(2), F.S.).

Survey recommendations are required for all remodeling, renovation, and new construction projects included in the three-year priority list for legislative funding, prepared by the Board of Regents for the budget request (Section 235.435(4)(a), F.S.).

Recommendations support university staff in preparing building programs (Rule 6C-14.020(1), FAC), and the university president in submitting plans for construction, renovation, and campus development to the Chancellor (Rule 6C-4.01(3), FAC) and in recommending a master plan for physical plants and grounds to the Chancellor (Rule 6C-4.01(5)(c), FAC).

They also provide guidance for the Chancellor in approving building programs, major renovations, and facilities budgets (Rule 6C-1.10(2)(i)2, FAC) and in recommending university construction funds to the Board of Regents (Rule 6C-1.10(2)(i)1, FAC).

Recommendations can be made only for officially designated sites. These sites include main campuses listed in Section 240.2011, F.S., branch campuses approved by the State Board of Education and authorized by the Legislature through the appropriations process, and centers and special purpose centers ratified by the Board of Regents. Recommendations for any leased sites and facilities are made in accordance with the provisions of Section 235.055, .056, F.S.

Recommendations are grouped by site according to the classifications of site acquisition, development, and improvement, remodeling, renovation, and new construction, as defined in Section 235.011, F.S. Occasionally a recommendation occurs which encompasses more than one classification; such recommendations are included under the combination category.

Cost estimates included with recommendations were current at the time of the survey. Estimates for new construction were based on the unweighted average gross square foot cost of construction for the university used in the legislative capital outlay budget request for the fiscal year in which the survey was conducted. The amount for Florida A and M University was $106.45 per gross square foot (GSF). Estimates for remodeling were calculated at one-half of that amount or $53.23 per net square foot (NSF). Those for renovation were figured at one-third or $35.48 per NSF. Cost estimates for recommendations not involving building square footage were based on the best available relevant information.

However, the cost estimates are not part of the recommendations. They are added to provide a general idea of anticipated costs and are not accurate estimates for particular projects. At the time the university requests funding for a specific project, university staff need to prepare actual cost estimates which then are reviewed by the Board of Regents. Often, actual estimates will vary significantly from those included with recommendations.

At the end of the list, five standard recommendations are given for universitywide application, as needed. They address general categories of physical plant need which are likely to occur across time. No cost estimates are included with these recommendations.

Site 1: Main Campus

Site Acquisition

1.1. Acquire approximately 21 acres of land contiguous with northeast part of campus; bounded by Wailes Street to the north, Bronough Street to the east, Palmer Avenue to the south, and M.L. King, Jr. Boulevard to the west; as site for proposed science research facility.

Estimated Cost: $ 800,000

1.2. Acquire approximately 41 acres of land contiguous with southwest part of campus; bounded by Okaloosa Street to the north, Wanish Way to the east, Osceola Street to the south, and Pasco Street to the west; as site for proposed running track and intramural field.

Estimated Cost: $ 1,600,000

Total Site Acquisition: $ 2,400,000

Site Development

1.3. Develop 21-acre site to make it usable.

Estimated Cost: $ 75,000

1.4. Develop 41-acre site to make it usable.

Estimated Cost: $ 150,000

Total Site Development: $ 225,000

Site Improvement

1.5. Renovate; pursuant to definitions in Section 235.011(11)(17), F.S.; main east entrance to campus located at Adams Street and Palmer Avenue.

Estimated Cost: $ 100,000

1.6. Construct main west entrance to campus located at Wanish Way and Gamble Street.

Estimated Cost: $ 300,000

1.7. Construct 2900 auto parking spaces with hard surface, positive drainage, and illumination.

Estimated Cost: $ 2,900,000

1.8. Renovate; pursuant to definitions in Section 235.012(11)(17), F.S.; campuswide utilities to include: potable water, storm water, sanitary sewer, natural gas, electrical, and telecommunications systems.

Estimated Cost: $ 5,000,000

1.9. Construct central campuswide chilled water and heating system.

Estimated Cost: $ 15,000,000

1.10. Construct drill-practice field for marching band to include: two (2) grass regulation drill-practice fields with bleachers, fencing, and illumination; 120 yards by 80 yards each; two (2) observation towers; 8 feet by 6 feet by 30 feet each; sprinkling, irrigation, and drainage systems; and access road with hard surface, positive drainage, and illumination.

Estimated Cost: $ 800,000

1.11. Renovate; pursuant to definitions in Section 235.011(11)(17), F.S.; campuswide landscaping to include sprinkling, irrigation, and drainage systems, erosion control, recreational parks, shade control devices, campus secondary entrances, patios, seating, illumination, and signs.

Estimated Cost: $ 1,000,000

1.12. Construct completion of campus landscaping to include sprinkling, irrigation, and drainage systems, erosion control, recreational parks, shade control devices, campus secondary entrances, patios, seating, illumination, and signs.

Estimated Cost: $ 1,200,000

1.13. Construct two (2) four-wall handball/racquetball courts with illumination.

Estimated Cost: $ 80,000

Total Site Improvement: $ 26,380,000

Remodeling

1.14. Remodel Building 3-University Commons; all rooms; as student services facilities and service areas; used codes 630, 635, 650, 655, 660, 665, 670, 675, 680, 685; 20535 NSF; as office facilities and service areas; use codes 310, 315, 350, 355,; 5000 NSF; as support services facilities and services areas; use codes 720, 725, 730, 735, 740, 745; 2000 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWL, WWW, XXX, YWC, YYY; 11014 NSF; total 38549 NSF.

Estimated Cost: $ 2,051,963

1.15. Remodel Building 7-Carnegie Center; all rooms; as exhibition facilities and service areas; use codes 620, 625; 3000 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWL, WWW, XXX, YWC,YYY' 701 NSF; total 3701 NSF; for Black Archives Research Center and Museum (ineligible for fixed capital outlay space needs generation formula).

Estimated Cost: $ 197,004

1.16. Remodel Building 9-Ware-Rhaney Nursing/Allied Health; for nursing programs; all rooms except Rooms 4, 5, 6, 7; as classroom facilities and service area; use codes 110, 115; 2500 NSF; as teaching laboratory facilities and service areas; use codes 210, 215, 220, 225, 230, 235, 240, 245; 9000 NSF; as student services facilities; use codes 650, 655' 1000 NSF; as office facilities and service areas; use codes 310, 315, 350, 355; 5000 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWL, WWW, XXX, YWC, YYY; 12238 NSF; total 29738.

Estimated Cost: $ 1,582,954

1.17. Remodel Building 14-Tucker Hall; Rooms 1, 1A, 3, 3A, 4A, 8, 8A, 9, 117, 117A, 117B, 117C, 117D; as assembly facilities and service areas; use codes 610, 615; 12575 NSF; and as circulation facilities; use code WWW; 150 NSF; total 12725 NSF.

Estimated Cost: $ 677,352

1.18. Remodel Building 15-Honor House; all rooms; as office facilities and service areas; use codes 310, 315, 350, 355; 3000 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWL, WWW, XXX, YWC, YYY; 1250 NSF; total 4250 NSF.

Estimated Cost: $ 226,228

1.19. Remodel Building 16-School of Architecture; Room E050; to add mezzanine for teaching laboratory facilities and service areas; use codes 210, 215, 220, 225, 230, 235, 240, 245; 4000 NSF; and for circulation facilities; use code WWW; 500 NSF; total 4500 NSF.

Estimated Cost: $ 239,535

1.20. Remodel Building 21-Gaither Gym Complex; all rooms; as gymnasium facilities and service areas; use codes 520, 525; 20651 NSF; as office facilities; use code 310; 115 NSF; and as circulation, custodial, sanitation facilities; use codes WWW, XXX, YWC; 4849 NSF; total 25615 NSF.

Estimated Cost: $ 1,363,486

1.21. Remodel Building 22-Gaither Office and Classroom; all rooms; as classroom facilities and service area; use codes 110, 115; 2622 NSF; as teaching laboratory facilities and service areas; use codes 210, 215; 1908 NSF; as gymnasium facilities and service areas; use codes 520, 525; 7438 NSF; as student services facilities and service areas; use codes 650, 655; 175 NSF; as office facilities and service areas; use codes 310, 315; 3061 NSF; and as circulation, custodial, sanitation mechanical facilities; use codes WWW, XXX, YWC, YYY; 5340 NSF; total 20544 NSF.

Estimated Cost: $ 1,093,557

1.22. Remodel Building 31-Dairy Barn/Winemaking; all rooms; as research laboratory facilities and service areas; use codes 250, 255; 2600 NSF; as office facilities and service areas; use codes 310, 315; 1000 NSF; and as circulation, custodial sanitation, mechanical facilities; use codes WWW, XXX, YWC, YYY; 737 NSF; total 4337 NSF.

Estimated Cost: $ 230,859

1.23. Remodel Building 34-Continuing Education Conference; all rooms; as student services facilities and service areas; use codes 680, 685; 600 NSF; as office facilities and service areas; use codes 310, 315, 350, 355; 600 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWW, XXX, YWC, YYY; 360 NSF; total 1560 NSF.

Estimated Cost: $ 83,039

1.24. Remodel Building 37-Continuing Education; all rooms; as student services facilities and service areas; use codes 680, 685; 600 NSF; as office facilities and service areas; use codes 310, 315, 350, 355; 740 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWW, XXX, YWC, YYY; 537 NSF; total 1877 NSF.

Estimated Cost: $ 99,913

1.25. Remodel Building 42-Counseling Center; all rooms; as office facilities and service areas; use codes 310, 315, 350, 355; 3200 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWL, WWW, XXX, YWC, YYY; 1249 NSF; total 4449 NSF; for Black Archives Research Center and Museum (ineligible for fixed capital outlay space needs generation formula).

Estimated Cost: $ 236,820

1.26. Remodel Building 54-Foote-Hilyer Administration Center; all rooms; as student services facilities and service areas; use codes 650, 655; 1500 NSF; as office facilities and service areas; use codes 310, 315, 350, 355; 39000 NSF; as support services facilities and service areas; use codes 730, 735; 1500 NSF; as health care facilities and service areas; use codes 810, 830, 850, 895; 3000 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWL, WWW, XXX, YWC, YYY; 22840 NSF; total 67840 NSF.

Estimated Cost: $ 3,611,123

1.27. Remodel Building 55-Jones Hall; all rooms; as classroom facilities and service areas; use codes 110, 115; 4000 NSF; as teaching laboratory facilities and service areas; use codes 210, 215, 220, 225, 230, 235, 240, 245; 24335 NSF; as office facilities and service areas; use codes 310, 315, 350, 355; 6000 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWL, WWW, XXX, YWC, YYY; 14133 NSF; total 49468 NSF.

Estimated Cost: $ 2,633,182

1.28. Remodel Building 57-Physical Facilities Planning; all rooms; as support services facilities and service areas; use codes 720, 725; 1300 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWW, XXX, YWC, YYY; 550 NSF; total 1850 NSF.

Estimated Cost: $ 98,476

1.29. Remodel Building 58-Howard Hall; all rooms; as classroom facilities and service areas; use codes 110, 115; 4000 NSF; as office facilities and service areas; use codes 310, 315, 350, 355; 4000 NSF; as armory facilities and service areas; use codes 510, 515; 8325 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWL, WWW, XXX, YWC, YYY; 4896 NSF; total 21221 NSF.

Estimated Cost: $ 1,129,594

1.30. Remodel Building 68-FTFAC Music; all rooms; as classroom facilities and service areas; use codes 110, 115; 2360 NSF; as teaching laboratory facilities and service areas; use codes 210, 215, 220, 225, 230, 235, 240, 245; 10758 NSF; as student services facilities and service areas; use codes 650, 655; 500 NSF; as office facilities and service areas; use codes 310, 315, 350, 355; 4228 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWL, WWW, XXX, YWC, YYY; 10536 NSF; total 28382 NSF.

Estimated Cost: $ 1,510,774

1.31. Remodel Building 69-FTFAC Art; all rooms; as classroom facilities and service areas; use codes 110, 115; 377 NSF; as teaching laboratory facilities and service areas; use codes 210, 215, 220, 225, 230, 240, 245; 3597 NSF; as exhibition facilities and service areas; use codes 620, 625; 771 NSF; as office facilities and service areas; use codes 310, 315, 250, 355; 965 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWL, WWW, XXX, YWC, YYY; 3634 NSF; total 9344 NSF.

Estimated Cost: $ 497,381

1.32. Remodel Building 70-FTFAC Ceramics; all rooms; as teaching laboratory facilities and service areas; use codes 210, 215, 220, 225, 230, 235, 240, 245; 3806 NSF; as office facilities and service areas; use codes 310, 315; 158 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWL, WWW, XXX, YWC, YYY; 1343 NSF; total 5307 NSF.

Estimated Cost: $ 282,492

1.33. Remodel Building 74-Dyson Pharmacy; all rooms; as classroom facilities and service areas; use codes 110, 115; 6000 NSF; as teaching laboratory facilities and service areas; use codes 210, 215, 220, 225, 230, 235, 240, 245; 9000 NSF; as research laboratory facilities and service areas; use codes 250, 255, 570, 575; 9500 NSF; as student services facilities and service areas; use codes 650, 655; 1000 NSF; as office facilities and service areas; use codes 310, 315, 355; 11000 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWL, WWW, XXX, YWC, YYY; 16338 NSF; total 52838 NSF.

Estimated Cost: $ 2,812,567

1.34. Remodel Building 76-Small Animal Laboratory; all rooms; as research laboratory animal quarters and service areas; use codes 570, 575; 2922 NSF.

Estimated Cost: $ 155,538

1.35. Remodel Building 111-Vocational Technical A; all rooms; as classroom facilities and service areas; use codes 110, 115; 4000 NSF; as teaching laboratory facilities and services areas; use codes 210, 215, 220, 225, 230, 235, 240, 245; 10000 NSF; as library facilities and services areas; use codes 410, 420, 430, 440, 455; 2248 NSF; as student services facilities and service areas; use codes 650, 655; 1000 NSF; as office facilities and service areas; use codes 310, 315, 350, 355; 4074 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWL, WWW, XXX, YWC, YYY; 8529 NSF; total 29851 NSF.

Estimated Cost: $ 1,588,969

1.36. Remodel Building 112-Vocational Technical B; all rooms and patio surrounding second floor; as classroom facilities and service areas; use codes 110, 115; 6274 NSF; as teaching laboratory facilities and service areas; use codes 210, 215, 220, 225, 230, 235, 240, 245; 17198 NSF; as office facilities and service areas; use codes 310, 315, 350, 355; 4868 NSF; as support services facilities and service areas; use codes 720, 725; 4721 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWL, WWW, XXX, YWC, YYY; 10461 NSF; total 43522 NSF.

Estimated Cost: $ 2,316,676

1.37. Remodel Building 113-Vocational Technical C; all rooms; as teaching laboratory facilities and service areas; use codes 210, 215, 220, 225, 230, 235, 240, 245; 4523 NSF; as office facilities and service areas; use codes 310, 315; 300 NSF; and as circulation, custodial, sanitation facilities; use codes WWW, XXX, YWC; 1447 NSF; total 6270 NSF.

Estimated Cost: $ 333,752

1.38. Remodel Building 114-Vocational Technical D; all rooms; as classroom facilities and service areas; use codes 110, 115; 650 NSF; as teaching laboratory facilities and service areas; use codes 210, 215, 220, 225, 230, 235, 240, 245; 3733 NSF; as office facilities and service areas; use codes 310, 315; 300 NSF; and as circulation, custodial, sanitation, mechanical facilities; use codes WWW, XXX, YWC, YYY; 1405 NSF; total 6088 NSF.

Estimated Cost: $ 324,064

Total Remodeling: $ 25,377,298

Renovation

1.39. Renovate; pursuant to definitions in Section 235.022(11)(17), F.S.; Building 14-Tucker Hall, all rooms except 1, 1A, 3, 3A, 4A, 8, 8A, 9, 117, 117A, 117B, 117C, 117D; 54562 NSF.

Estimated Cost: $ 1,935,860

1.40. Renovate Building 16-School of Architecture; to include waterproofing.

Estimated Cost: $ 500,000

1.41. Renovate Building 68-FTFAC Music; exterior walls; to include exposed reinforcing system.

Estimated Cost: $ 200,000

1.42. Renovate; pursuant to definitions in Section 235.011(11)(17), F.S.; Building 71-Gore Education Center; all rooms; 61013 NSF.

Estimated Cost: $ 2,164,741

1.43. Renovate; pursuant to definitions in Section 235.011(11)(17), F.S.; Building 300-Bragg Stadium; Rooms 100P, 101P, 102P, 103P, 104P, 105P, 106P, 107P, 108P, 109P, 110P, 111P, 112P, 200P, 201P, 202P, 203P, 204P, 205P, 206P, 207P, 208P, 209P; 2605 NSF.

Estimated Cost: $ 92,425

1.44. Renovate: pursuant to definitions in Section 235.011(11)(17), F.S.; Building 561-Paige HE; all rooms on second and third floors; 10350 NSF.

Estimated Cost: $ 367,218

1.45. Renovate; pursuant to definitions in Section 235.011(11)(17), F.S.; Building 562-Perry; all rooms; 54126 NSF.

Estimated Cost: $ 1,920,390

Total Renovation: $ 7,180,634

New Construction

1.46. Construct addition to Building 9-Ware-Rhaney Nursing/Allied Health; for allied health sciences programs; to include: classroom facilities and service areas; use codes 110, 115; 4000 NSF; teaching laboratory facilities and service areas; use codes 210, 215, 220, 225, 230, 235, 240, 245; 16200 NSF; research laboratory facilities and service areas; use codes 250, 255; 4700 NSF; student services facilities and service areas; use codes 650, 655; 1000 NSF; office facilities and service areas; use codes 310, 315, 350, 355; 7800 NSF; and circulation, custodial, sanitation, mechanical facilities; use codes WWL, WWW, XXX, YWC, YYY; 11425 NSF; total 45125 GSF.

Estimated Cost: $ 4,803,556

1.47. Construct addition to Building 14-Tucker Hall to include: assembly facilities service areas; use code 615; 800 NSF, 10712 GSF.

Estimated cost: $ 1,140,292

1.48. Construct addition to Building 49-Coleman Library to include: library facilities and service areas; use codes 410, 420, 430, 440, 455; 45041 NSF; and office facilities and service areas; use codes 310, 315, 350, 355; 8000 NSF; total 53041 NSF, 71022 GSF.

Estimated Cost: $ 7,560,292

1.49. Construct addition to Foster-Tanner Fine Arts Complex (Buildings 68, 69, 70-FTFAC Music, Art, Ceramics) to include: classroom facilities and service areas; use codes 110, 115; 1000 NSF; teaching laboratory facilities and service areas; use codes 210, 215, 220, 225, 230, 235, 240, 245; 8200 NSF; exhibition facilities and service areas; use codes 620, 625; 1000 NSF; and office facilities and service areas; use codes 310, 315, 350, 355; 1800 NSF; total 12000 NSF, 16068 GSF.

Estimated Cost: $ 1,710,439

1.50. Construct general classroom facilities to include: classroom facilities and service areas; use codes 110, 115; 43980 NSF; student services facilities and service areas; use codes 650, 655; 330 NSF; and support services facilities and service areas; use codes 720, 725, 730, 735, 740, 745; 800 NSF; total 55110 NSF, 73792 GSF.

Estimated Cost: $ 7,855,158

1.51. Construct science research facility to include: classroom facilities and service ares; use codes 110, 115; 4200 NSF; research laboratory facilities and service areas; use codes 250, 255, 570, 575, 580, 585; 33088 NSF; library facilities and service areas; use codes 410, 420, 430, 440, 455; 8000 NSF; instructional media facilities and service areas; use codes 530, 535; 2000 NSF; student services facilities and service areas; use codes 650, 655; 775 NSF; office and computer facilities and service areas; use codes 310, 315, 350, 355, 710, 715; 7970 NSF; support services facilities and service areas; use codes 720, 725, 730, 735, 740, 745; 1800 NSF; total 57833 NSF; 77438 GSF.

Estimated Cost: $ 8,243,275

1.52. Construct drill-practice field service building for marching bands to include: teaching laboratory facilities service areas; use code 215; 2000 NSF; office facilities and service areas; use codes 310, 315; 500 NSF; and sanitation facilities; use code YWC; 675 NSF; total 3175 NSF, 4251 GSF.

Estimated cost: $ 452,519

1.53. Construct gymnasium facilities and service areas; use codes 520, 525; 23380 NSF; 31306 GSF.

Estimated Cost: $ 3,332,524

1.54. Construct Black Achieves Research Center and Museum facilities (ineligible for fixed capital outlay space needs generation formula) to include: classroom facilities and service areas; use codes 110, 115; 2000 NSF; exhibition facilities and service areas; use codes 620, 625; 18300 NSF; and office facilities and service areas; use codes 310, 315, 350, 355; 2280 NSF; total 22580 NSF; 30235 GSF.

Estimated Cost: $ 3,218,516

1.55. Construct university operations facility to include: office facilities and service areas; use codes 310, 315, 350, 355; 12550 NSF; and support services facilities and service areas; use codes 720, 725, 730, 735, 740, 745; 37500 NSF; 50050 NSF, 67017 GSF.

Estimated Cost: $ 7,133,960

1.56. Construct office and computer facilities and service areas; use codes 310, 315, 350, 355, 710, 715; 44389 NSF, 59437 GSF.

Estimated Cost: $ 6,327,069

Total New Construction: $ 51,777,600

Total Site 1: $ 113,340,532

Total University: $ 113,340,532

Standard Universitywide Recommendations

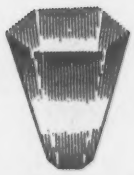
S.1. Provide custodial services facilities.

S.2. Provide sanitation facilities for serving students, staff, and the general public.

S.3. Correct deficiencies related to safety, health, and sanitation.

S.4. Replace defective roofs and roofing membranes, except those of buildings recommended to be razed in this survey report.

S.5. Modify facilities, recommended for continued use in this survey report, to comply with standards and specifications for the physically disabled as established in Section 255.21, Florida Statutes.



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